## SECRE



P 182104Z JUN 69 FM NPIC WASHDC	1969 JUN 18	27 15	5 <b>7</b>
TO DIA	•	•	_
BT S E C R E T CITE NPIC 6526	out	6788	3
DIA FOR DIAXX-2 (ATTN:			25 <b>X</b> 1
SUBJECT: LOW GAMMA PROCESSING OF GLASS LAMP MISSI REFERENCES:	ON G-085	•	٠,
A. DIAXX-2 7547 APR 1969 B. NPIC 6231 MAY 1969			
C. DIAXX-2 1823 JUNE 1969			
1. AN EVALUATION OF THE MATERIALS FROM MISSION G-	Ø85 HAS		
VERIFIED THE GENERAL STATEMENTS OUTLINED IN REFERE "B." THESE STATEMENTS ALONG WITH MINOR ADDITIONS A	NCED MESSAGE		
A. THE CONSEQUENCES OF OVEREXPOSIBLE ARE MINIMIT	ZED WITH	•	
THE USE OF LOW GAMMA CHEMISTRY. ON THIS MISSION, MORE DETAIL CAN BE DETECTED IN THE HIGHLIGHT AREAS	SLIGHTLY I	ISTRIBUTI	ON
MATERIAL PROCESSED IN MX819. NO DIFFERENCES CAN BE	OF THE CY	OFFICE FILE	PI
IN THE SHADOW AREAS OF CULTURAL FEATURES.		CARLS SE	c.
B. WHERE HAZE CONDITIONS PREVAIL, A GREATER LOS	3S OF	: DAKD	
	23	TOSO AC	De
PAGE 2 RUEADJU 0043 S E C R E T		# 11.5	
DETAIL IS OBSERVED IN THE MATERIAL PROCESSED IN MX 8	319.	13 (200 <u>1)</u> 1740 (3	
C. WHERE CLOUD SHADOW AREAS ARE PRESENT, A GREA OF DETAIL IS APPARENT IN THE MATERIAL PROCESSED IN	MX819.		
D. A DISTINCT LOSS OF CONTRAST IS APPARENT IN T	THE -	LLG.	1
CONTRAST IS EVEN MORE APPARENT IN THE POSITIVE AND	THEREFORE	PROD	-
MAKES TARGET DETECTION MORE DIFFICULT DURING MISSIO	N SCANNITUG	WEST	
IN ADDITION, OBJECT IDENTIFICATION BY MEANS OF SHAD IS MUCH MORE DIFFICULT FROM LOW CONTRAST POSITIVES.	·	EAST	
E. IN ALMOST EVERY COMPARISON THE HIGH CONTRAST	·	Mass Pom	
POSITIVE (PRINTED FROM MX578 NEGATIVE) WAS PREFERRE CARGET READOUT.	D FOR I	AS	
2. THE PRIME PURPOSE OF ANY PHOTOGRAPHIC RECONNAIS	DAMINUT. OF STATE	IA-XX4 SPAD	
IS FOR EXPLOITATION. FROM ITEMS B, C, D AND E ABOV APPEAR THAT LOW GAMMA PROCESSING IS DEGRADING THE O	VERALL SUAL TO	A-AP	
OF THE MISSION, THEREBY HINDERING INTERPRETABILITY.	<b></b>		25X1
3. ALTHOUGH LOW GAMMA PROCESSING DOES HAVE ITS IT IS BELIEVED THAT FOR THIS PARTICULAR CAMERA SYST	HUVHNIHOLDS		
TETMO DUOTAADADUED - BUEGE ADVANDAADA ADE AVEVELAVED	~ ~ · · · · · · · · · · · · ·		
ADVANTAGES LISTED ABOVE. FOR THIS REASON IT IS SUG	GESTED THAT ADV.	ANCE CY	•
·	SAN	ITIZED	

PAGE 3 RUEADJU 0043 S E C R E T
ALL FUTURE GLASS LAMP MISSIONS USING THE "B" CAMERA BE PROCESSED IN MX578 CHEMISTRY.
GP-1

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END OF MESSAGE

SECRET

GROUP 1 Excluded from automatic downgrading and declassification

WITH TEXT